

Seminole Powerplant Kendrick Project

Ancillary Services

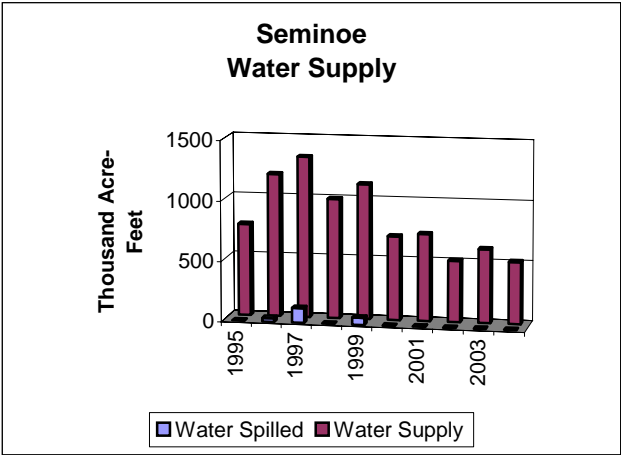
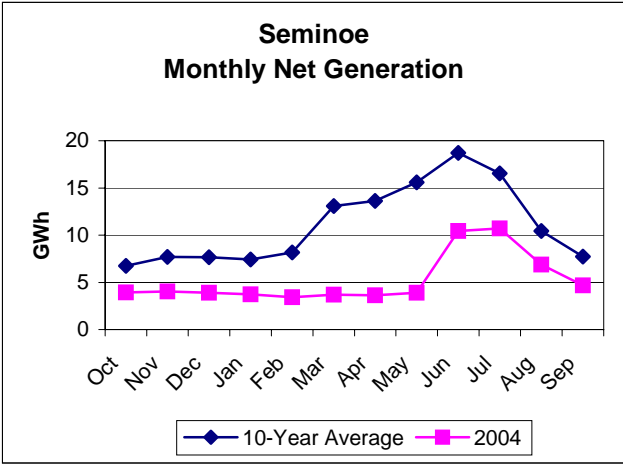
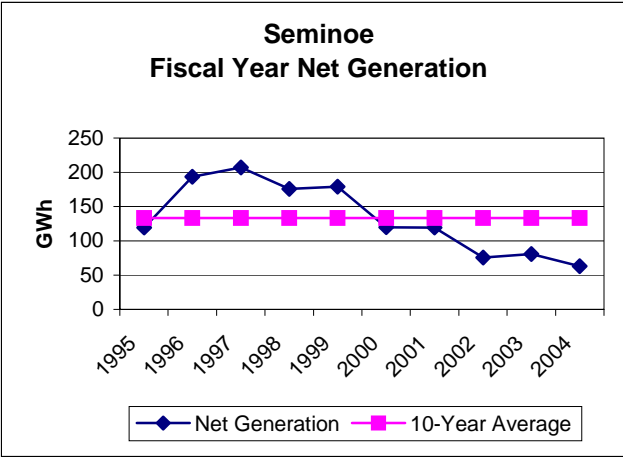
Seminole Ancillary Services	
Spinning Reserve	Yes
Non-Spinning Reserve	Yes
Replacement Reserve	Yes
Regulation/Load Following	Yes
Black Start	No
Voltage Support	Yes

Generators

Seminole Generators Existing Number and Capacity			
Unit #	Original Capacity (kW)	Capacity Increased (kW)	Present Capacity (kW)
1	10,800	6,450	17,250
2	10,800	6,450	17,250
3	10,800	6,450	17,250
3 Units	32,400	19,350	51,750

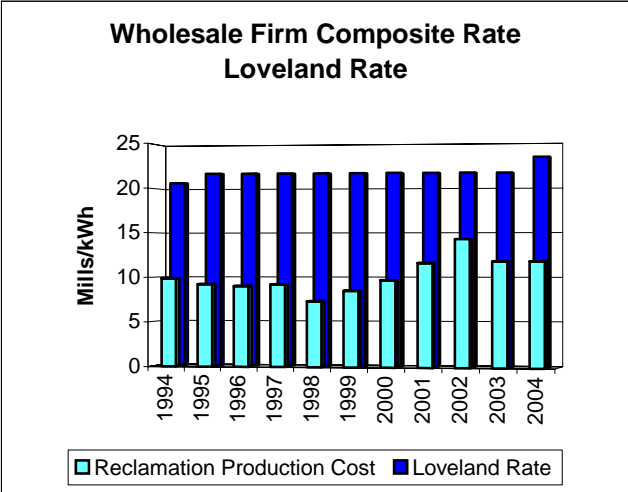
**Seminole Powerplant
30-100 MW**

Generation

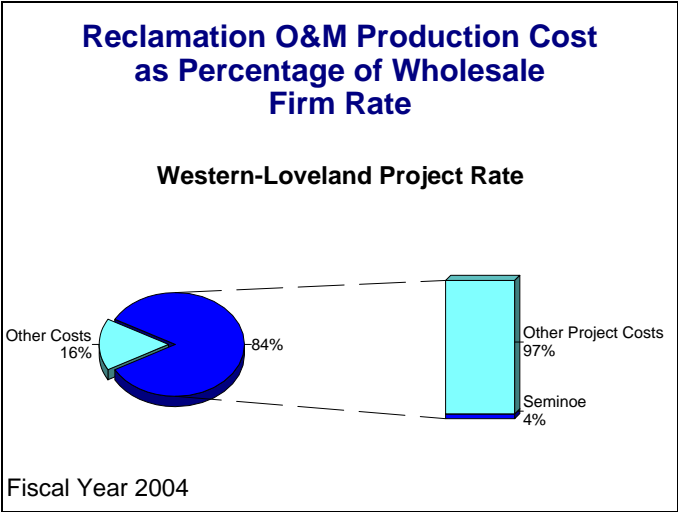


Prime Laboratory Benchmarks

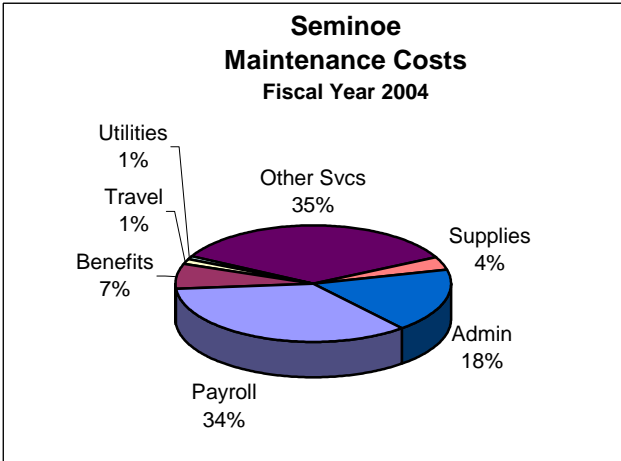
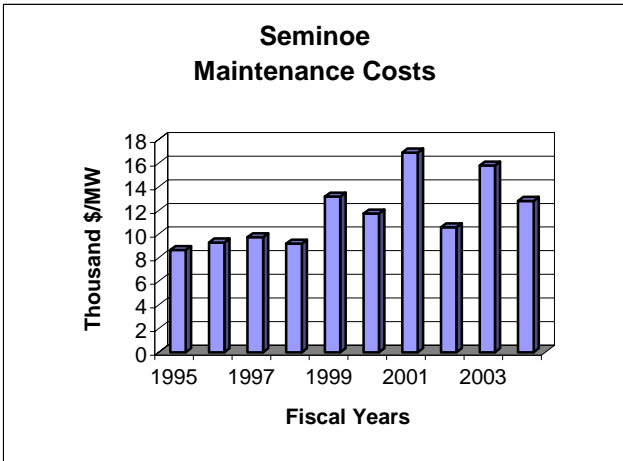
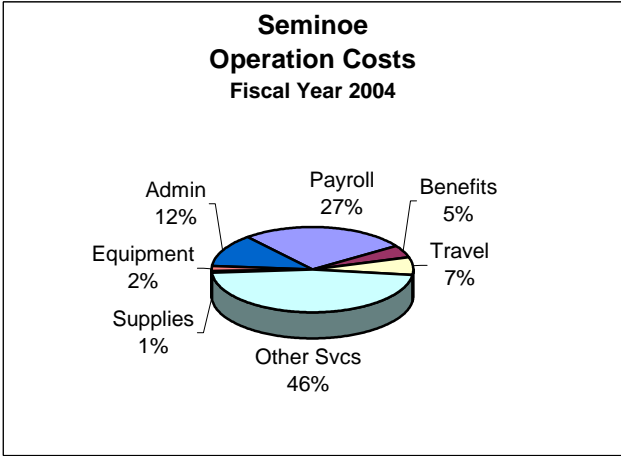
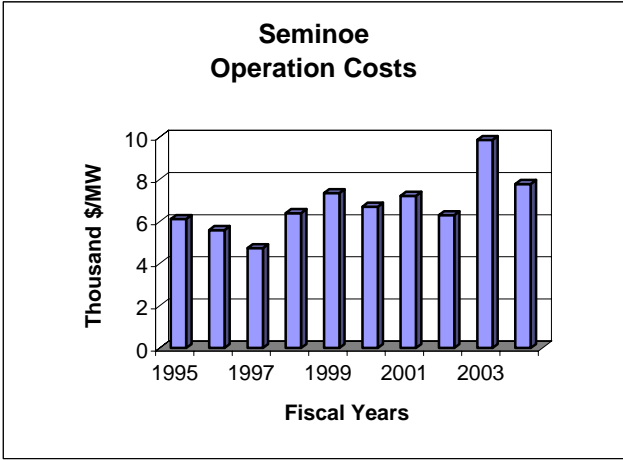
**Benchmark 1
Wholesale Firm Rate**



**Benchmark 2
Reclamation's Production Cost as Percentage of Wholesale Firm Rate**

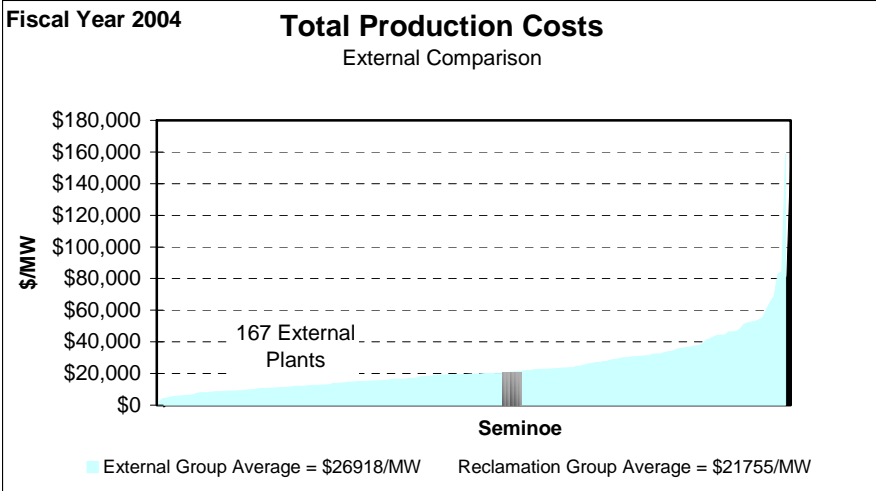
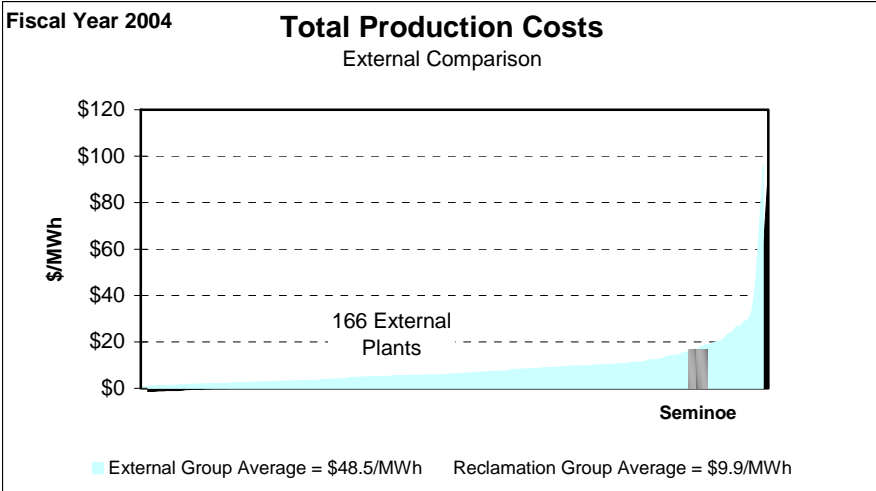
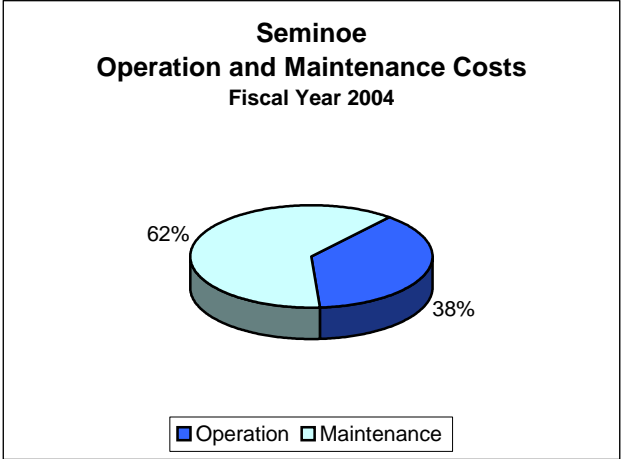
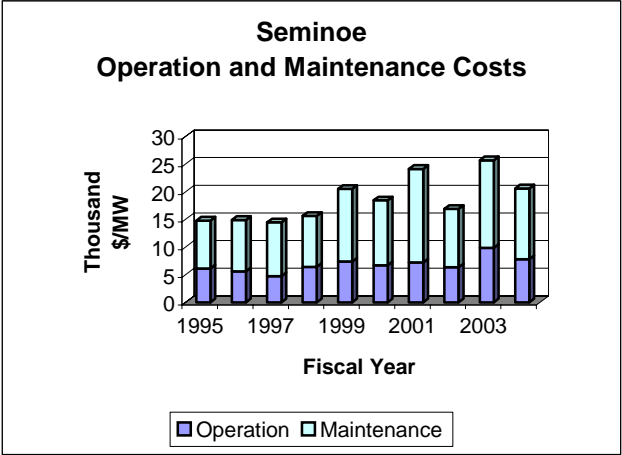


**Benchmark 3
Production Cost**



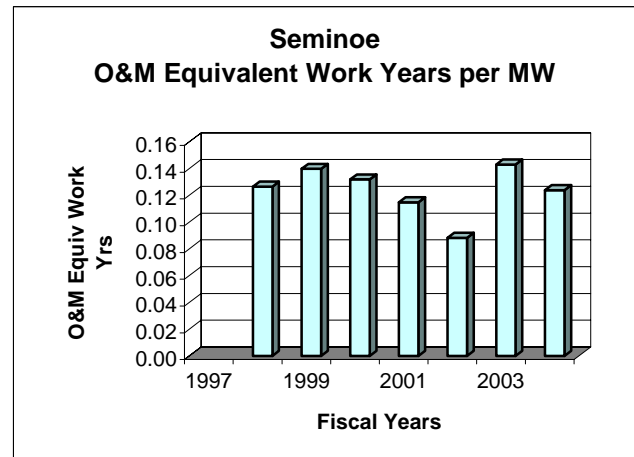
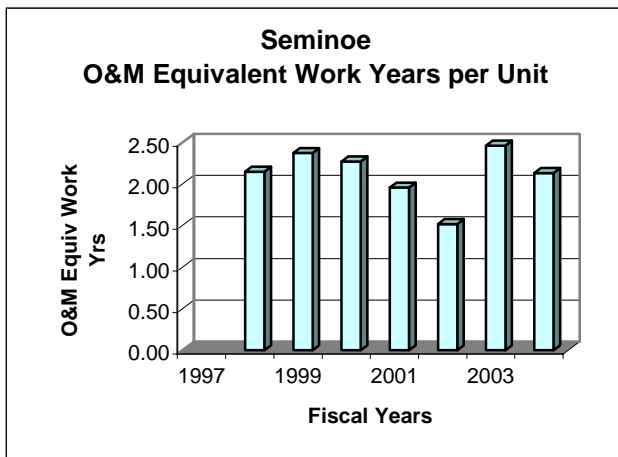
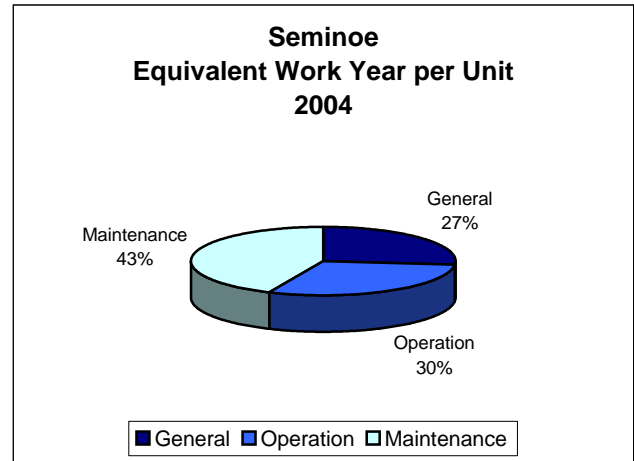
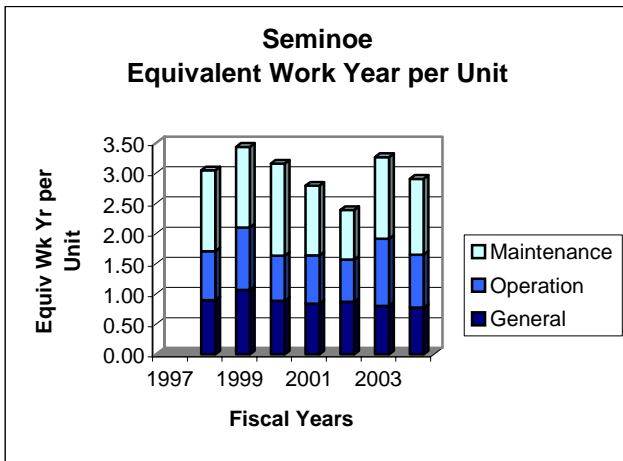
FY-01 - Significant cavitation repairs on all three units.

**Benchmark 3
Production Cost**



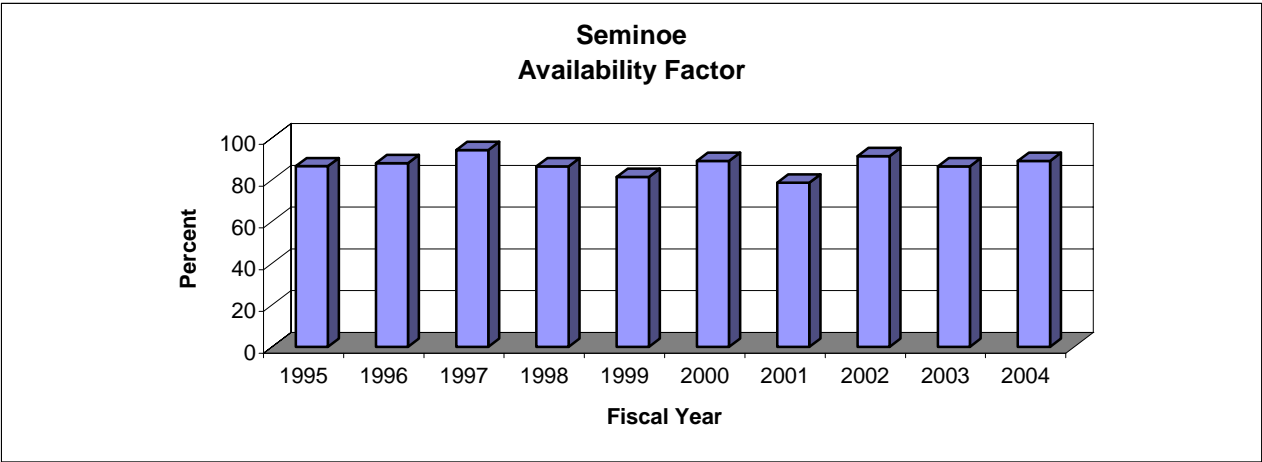
**Benchmark 4
Workforce Deployment**

Seminole 2004 Equivalent Work Year Levels						
	Equiv Work Year Charged to Powerplant	Leave Additive	Denver and Washington Equiv Work Year Additive	Total Equiv Work Year Allocated to Powerplant	Total Equiv Work Year per Generating Unit	Total Equiv Work Year per Megawatt
General	2.03	0.23	0.05	2.32	0.77	0.04
Operation	2.36	0.27	0.00	2.63	0.88	0.05
Maintenance	3.38	0.39	0.00	3.77	1.26	0.07
Total Staffing	7.77	0.90	0.05	8.72	2.91	0.17



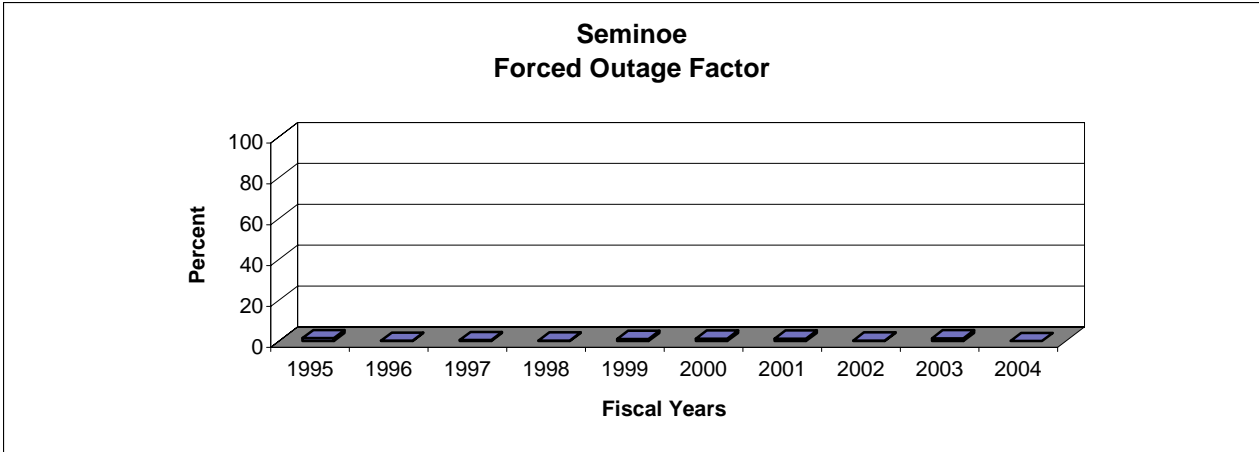
Distributive Accounts not available for FY-97

**Benchmark 5
Availability Factor**

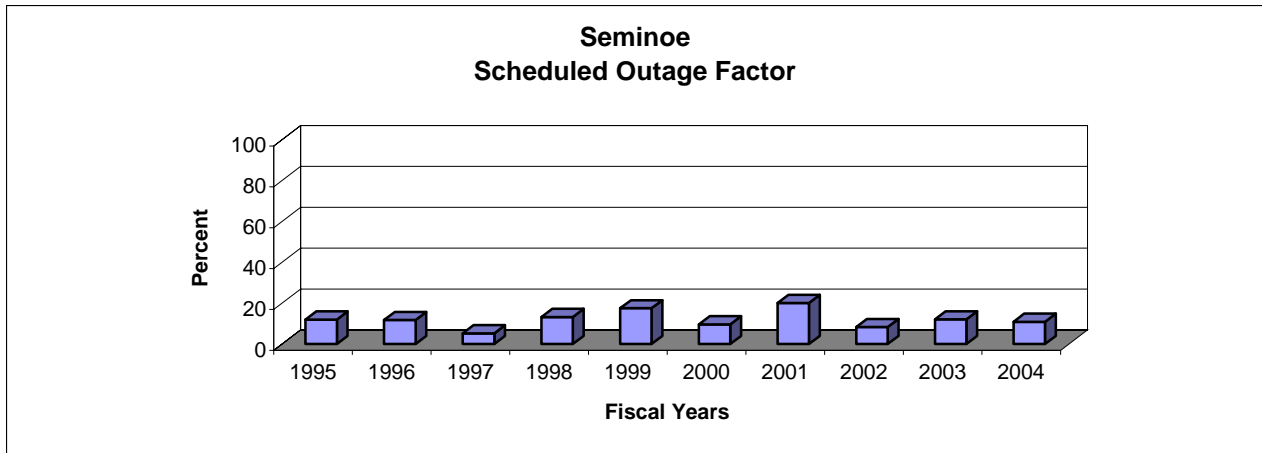


FY-01-Extended outages on all three units for cavitation repairs

**Benchmark 6
Forced Outage Factor**

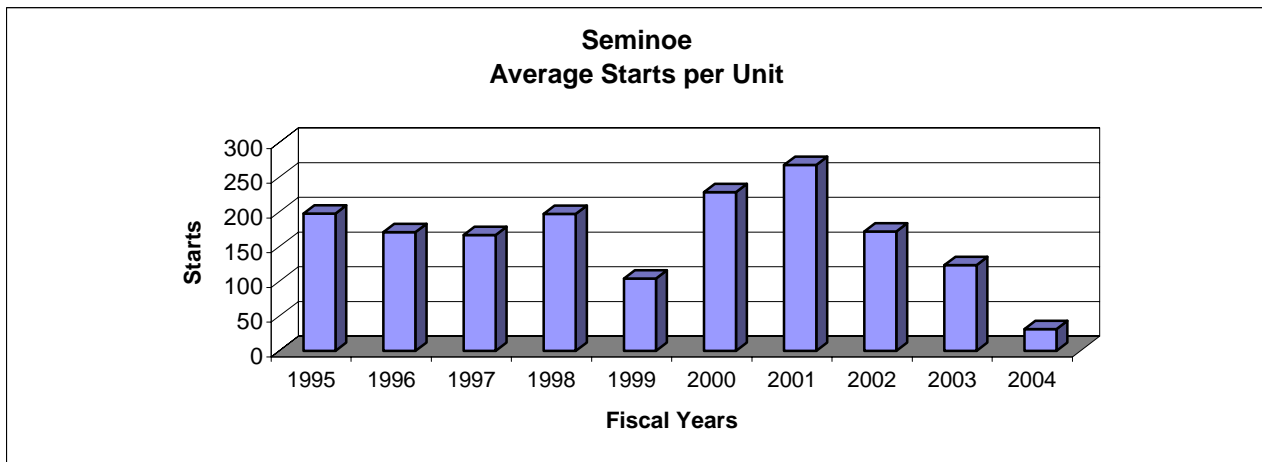


**Benchmark 7
Scheduled Outage Factor**



FY-95, FY-96, and FY-98 - Extended Maintenance
FY-99 - Extended maintenance of Unit 3
FY-00 - Replacement of Unit 3 transformer

Starts



**Seminole Powerplant
30-100 MW**

Benchmark Data Comparison					
Fiscal Year 2004	Seminole Powerplant	Reclamation Average 30-100 MW Group	Total Reclamation Average	Industry Average	Best Performers
Wholesale Firm Rate Mills/kWh	21.7	Not Applicable	*21.06	Not Available	Not Available
Production Cost as Percentage of Wholesale Firm Rate	2.95%	Not Applicable	13.5%	Not Applicable	Not Applicable
O&M Cost \$/MWh	16.94	7.90	2.77	48.48	1.23
O&M Costs \$/MW	20,591.01	19,931.46	7,316.97	26,917.84	2,951.22
O&M Equip Work Year per MW	0.12	0.11	0.04	Not Available	0.000
Availability Factor	89.1	88.1	86.9	**89.2	99.97
Forced Outage Factor	0.0	0.3	0.7	**1.9	0.00
Scheduled Outage Factor	10.9	11.5	12.4	**8.9	0.02

*Weighted by Net Generation

**2003 NERC Average